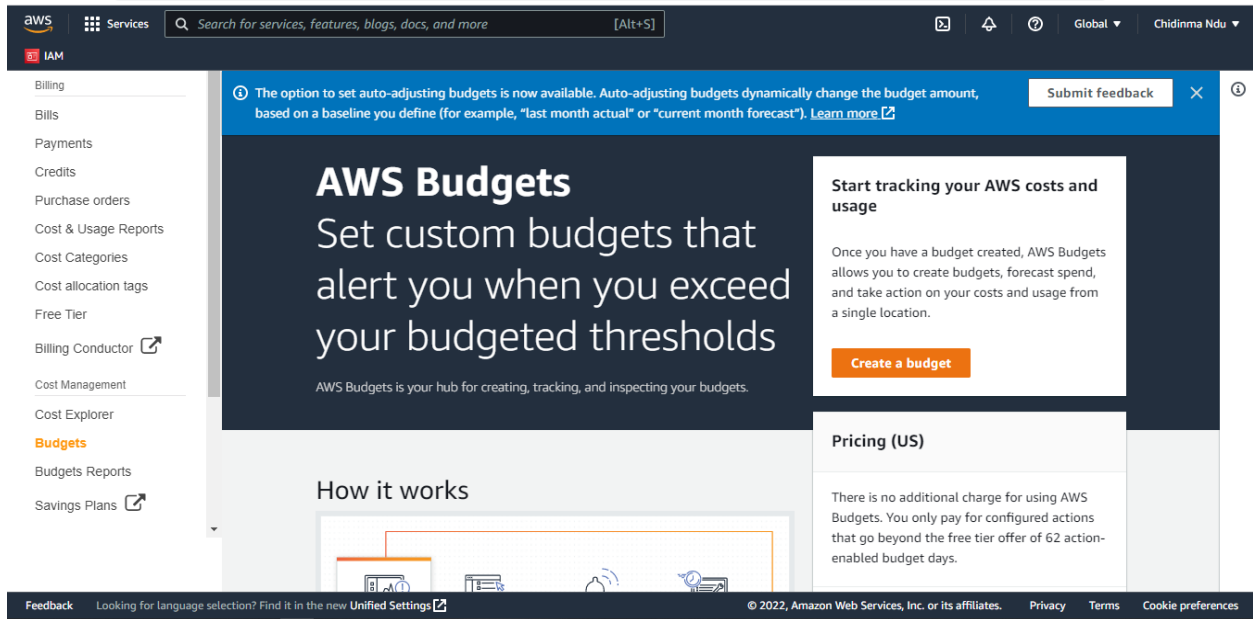


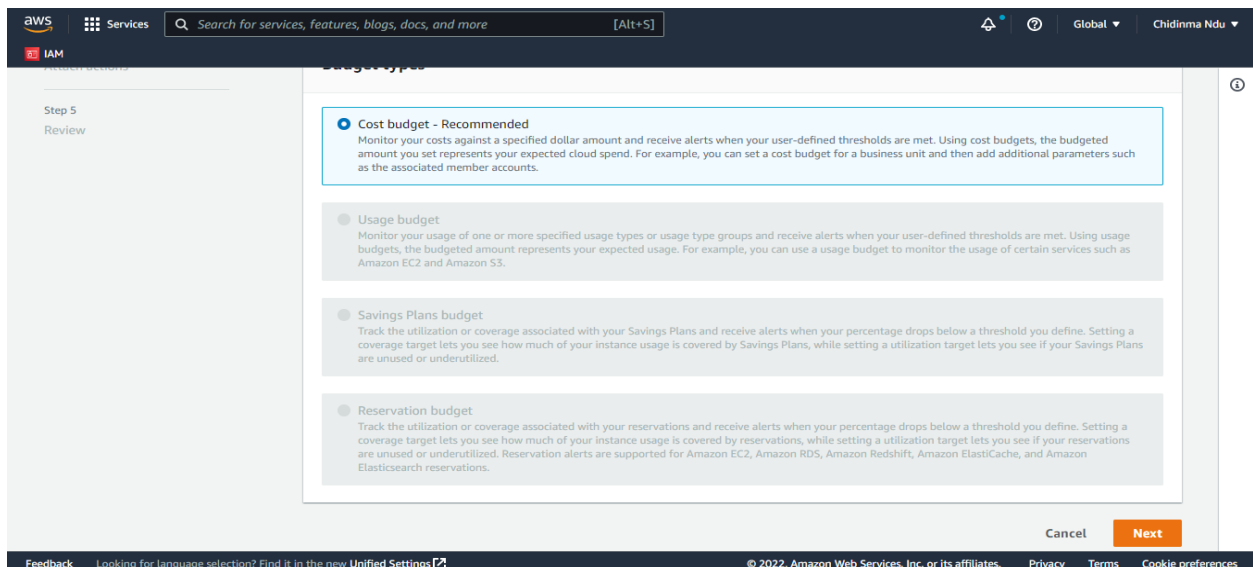
Using AWS Budgets to set custom budgets for tracking costs and usage of resources by the user or company, set up alerts by email when actual or forecasted cost and usage exceed the budgeted limit on an AWS account

STEPS TO CREATING AWS BUDGET

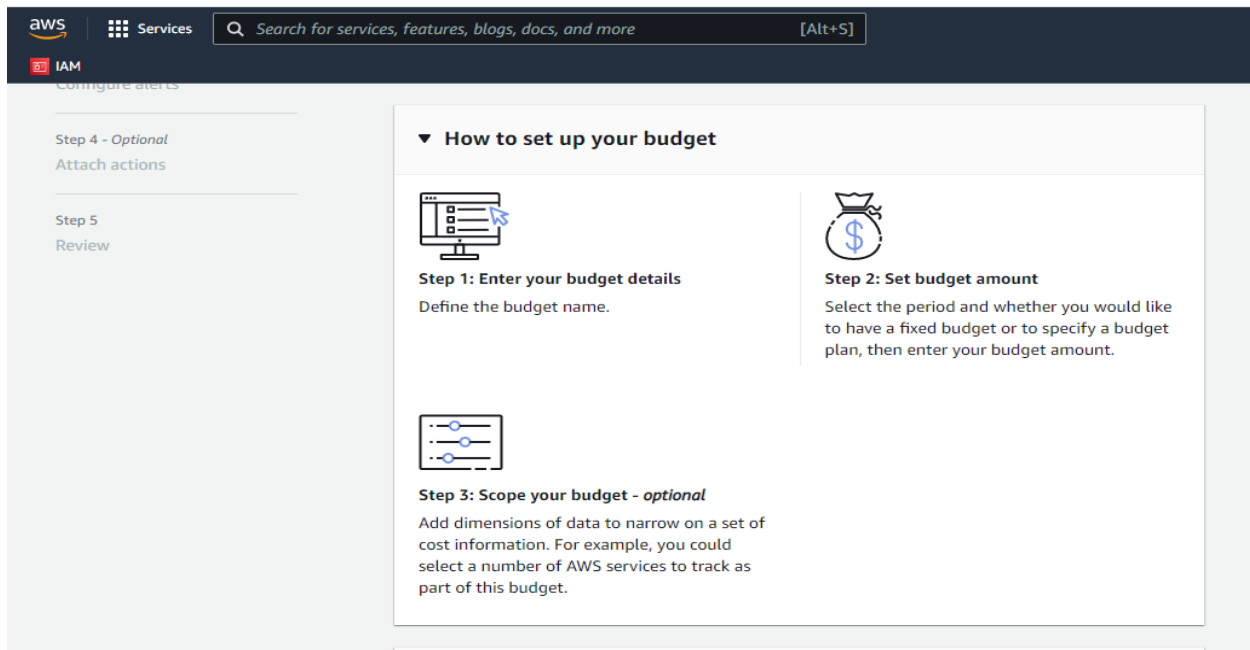
Step 1: From the MANAGEMENT CONSOLE search and click to open AWS budget or click on AWS SERVICES, search for AWS budget and click. Then click on CREATE BUDGET



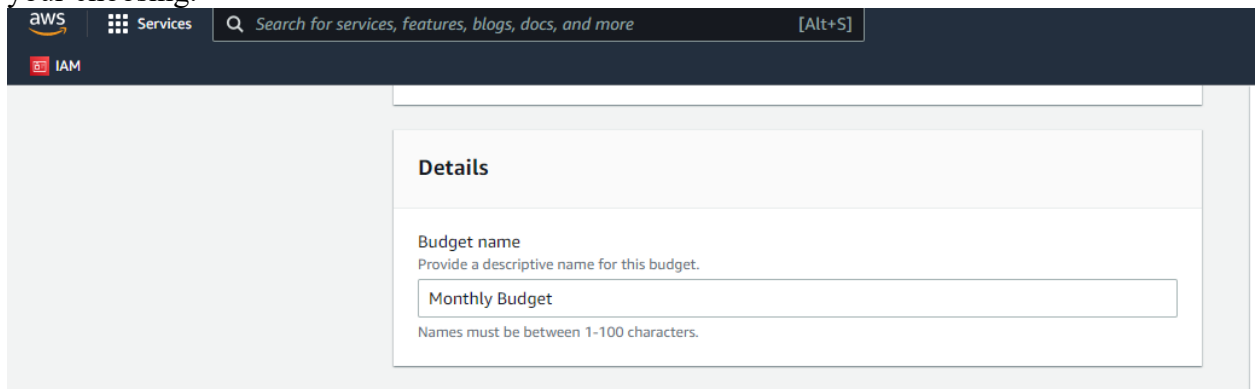
Step 2: Choose Budget Type: For me, I chose COST BUDGET, then click next



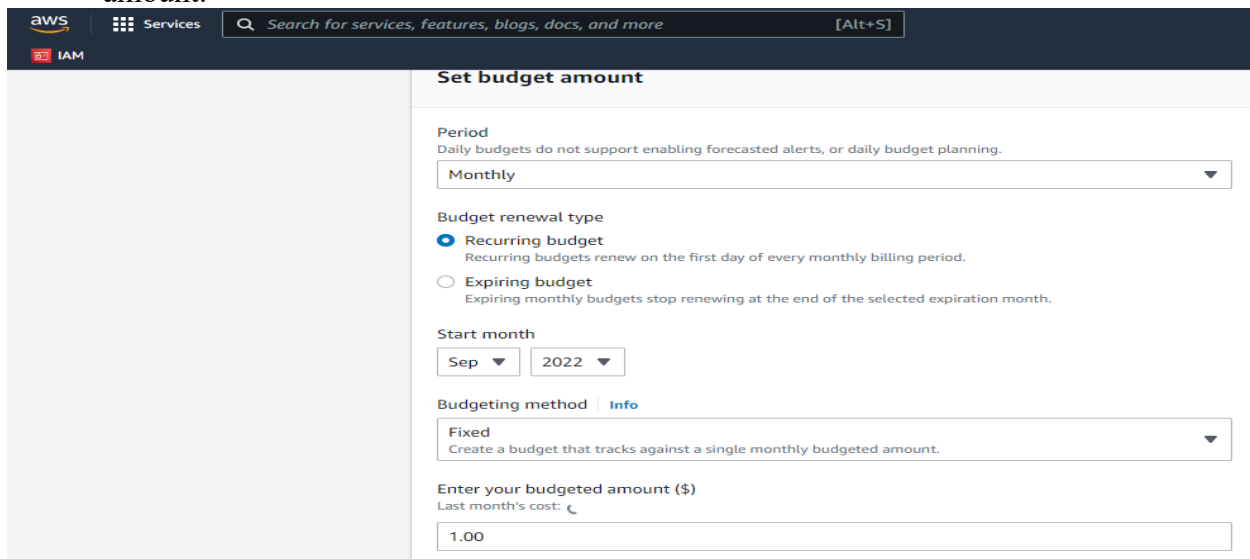
Step 3: Set Budget: There are Three Steps to setting up budget



- i. **Enter your Budget Details:** that is, Define the budget name. you can enter any name of your choosing.



- ii. **Set Budget Amount.** Select the period (that is daily or monthly etc) and whether you would like to have a fixed budget or to specify a budget plan, then enter your budget amount.



iii. **Scope of Budget.** That is, Ensure ALL AWS services are selected; this will track any cost incurred from any service in your account

The screenshot shows the 'Budget scope' configuration page in the AWS console. The page title is 'Budget scope' with an 'Info' icon. Below the title is a subtitle: 'Add filtering and use advanced options to narrow the set of cost information tracked as part of this budget'. The 'Scope options' section has two radio buttons: 'All AWS services (Recommended)' (selected) and 'Filter specific AWS cost dimensions'. The 'Advanced options' section is expanded, showing 'Aggregate costs by' set to 'Unblended costs' and 'Supported charge types' with a list of checkboxes: 'Upfront reservation fees', 'Recurring reservation charges', 'Other subscription costs', 'Taxes', 'Support charges', 'Discounts', 'Refunds', and 'Credits'. At the bottom right are 'Cancel', 'Previous', and 'Next' buttons.

Also: click on supported charge type and select refunds and credits in addition to the already selected charge types.

Step 4: Configure Alerts. Here, select the alert threshold and specify the recipient and how you want them to receive the alert (that is, by Email or by SNS).

If you are still learning like me, I will recommend you set email recipients only as SNS may incur extra charges.

Also: You can add up to 10 email recipients.

The screenshot shows the 'Alert #1' configuration page. The 'Set alert threshold' section has a 'Threshold' of 80 and a 'Trigger' of 'Actual'. A summary states: 'When your actual cost is greater than 80.00% (\$0.80) of your budgeted amount (\$1.00), the alert threshold will be exceeded.' The 'Notification preferences - Optional' section is expanded, showing 'Email recipients' with a text box containing 'putyouremailaddress@gmail.com'. A 'Budget preview' panel on the right shows a line chart for 'Cost Data' from Sep 2021 to Sep 2022 (MTD) for 'Unblended costs'. The chart shows 'Actual cost' (blue line), 'Budget' (dashed line), and 'Alert #1 (actual)' (red dashed line). A 'View in AWS Cost Explorer' button is at the bottom of the preview panel.